

# Rack Power Distribution

## – World Wide Products –

### Quick reference – updated July 2014



Product Feature by Rack PDU Family/Series	Basic	Metered		Metered by Outlet	Switched		Metered by Outlet with Switching
		AP7800 Series	AP8800 Series	AP8400 Series	AP7900 Series	AP8900 Series	AP8600 Series
Design Features							
Ultra low profile, space saving design	√	√	√	√	√	√	√
Hydraulic-Magnetic circuit breakers (in units configured with circuit breakers)	√	√	√	√	√	√	√
Ultra Low Profile circuit breakers (for units with breakers)			√	√		√ (most)	√
Locking IEC receptacles and locking power cord compatible			√	√		√	√
Environmental monitoring port for external temperature/humidity monitoring			√	√		√	√
Display and Network Management							
Full featured network management capability via web, SNMP, telnet		√	√	√	√	√	√
2 digit, 7-segment LED display		√			√		
User interactive LCD display for local access			√	√		√	√
Field replaceable Network Management Module			√	√		√	√
Network Port Sharing (Up to 4 rack PDUs share one IP address in one enclosure)			√	√		√	√
Local USB Port for Easy Local Firmware Updates			√	√		√	√
Metering Capability							
Active Current Measurements (amps)		√	√	√	√	√	√
Active Power Measurements (including volts, amps, real power kW, and energy kWh)			√	√		√	√
User customizable alarms and warnings		√	√	√	√	√	√
Embedded log memory to record/review/report historic metered data		√	√	√	√	√	√
Individual Outlet Power Metering				√			√
Outlet Control							
Individual outlet remote power on/off control					√	√	√
Power On sequencing and time delays with full user customization					√	√	√
Outlet level grouping (multiple outlets in same or multiple units follow single command)					√	√	√
User Access control with assignable roles, access levels at device and outlet level					√	√	√
Outlet grouping feature for synchronized control of outlets on multiple Rack PDUs					√	√	√
Maintenance and Upgradeability							
Redundant internal power supply for improved Switched Rack PDU reliability				√	√	√	√
Field replaceable network management module			√	√		√	√

## Metered Rack PDUs

	Mounting U-Space	Rated Input Voltage	Region	Input Circuit	Nominal Power	Input Plug Type	Output Receptacles	Cord Length	APC SKU
100-120V Input	Vertical, 0U	100-120	NAM, Japan	15A	1.4kW	NEMA 5-15P	(16)5-15	3.0 m	AP8831
		100-120	NAM	20A	1.9kW	NEMA L5-20P	(24)5-20	3.0 m	AP8830
		100-120	Japan	20A	2.0kW	NEMA L5-20P	(24) 5-15	3.0 m	AP8830J
		100-120	Japan	30A	2.4kW	NEMA L5-30P	(24) 5-15	3.0 m	AP8832J
		100-120	Japan	20A	1.9kW	NEMA L5-20P	(10) 5-15	3.0 m	AP8833J
	Horizontal, 1U	100-120	NAM, Japan	30A	2.9kW	NEMA L5-30P	(24)5-20	3.0 m	AP8832
		100/120	NAM, Japan	15A	1.4kW	NEMA 5-15P	(8)5-15	3.6 m	AP7800
		100/120	NAM, LAM	20A	1.9kW	NEMA L5-20P	(8)5-20	3.6 m	AP7801
	Horizontal, 2U	120	NAM, LAM	30A	2.9kW	NEMA L5-30P	(16)5-20	3.6 m	AP7802
		100	Japan	30A	3.0kW	NEMA L5-30P	(16) 5-15	3.6 m	AP7802J
200-240V Input	Vertical, 0U	220-240	Worldwide	10A	2.3kW	IEC-320 C14	(16)C13	3.0 m	AP7850
		100-240	NAM, LAM, Japan	20A	3.3kW	NEMA L6-20P	(18)C13, (2)C19	3.0 m	AP8858NA3
		100-240	Worldwide	16A	3.3kW	IEC-320 C20	(18)C13, (2)C19	Inlet	AP8858
		100-240	EMEA, APJ, LAM, GCN	16A	3.7kW	IEC309 16A	(18)C13, (2)C19	3.0 m	AP8858EU3
		200-240	NAM, Japan	30A	5.0kW	NEMA L6-30P	(36)C13, (6)C19	3.0 m	AP8841
	Horizontal, 1U	220-240	EMEA, APJ, LAM, GCN	32A	7.4kW	IEC309 32A	(36)C13, (6)C19	3.0 m	AP8853
		100-240	Worldwide	10/15A	2.9kW	IEC-320 C14	(8)C13	Inlet	AP7820
		100-240	Worldwide	16A	3.8kW	IEC-320 C20	(8)C13	Inlet	AP7821
	Horizontal, 2U	200/208	NAM, Japan	30A	5.0kW	NEMA L6-30P	(12)C13, (4)C19	3.6 m	AP7811
		220-240	EMEA, APJ, LAM, GCN	32A	7.4kW	IEC309 32A	(12)C13, (4)C19	3.6 m	AP7822
208V 3-phase Input	Vertical, 0U	120/208 3Ø	NAM	20A, 3Ø	5.7kW	NEMA L21-20P	(42)5-20	3.0 m	AP7892
		120/208 3Ø	NAM	20A, 3Ø	5.7kW	NEMA L21-20P	(36)C13, (6)C19, (2)5-20	1.8 m	AP8861
		100/173 - 120/208	Japan	20A, 3Ø	6.9kW	NEMA L21-20P	(42) 5-15	1.0 m	AP7862J
		120/208 3Ø	NAM	20A, 3Ø	5.7kW	NEMA L21-20P	(36)5-20	3.0 m	AP8862
		120/208 3Ø	NAM	20A, 3Ø	5.7kW	NEMA L21-20P	(24)5-20, (6)L6-20	3.0 m	AP8863
		120/208 3Ø	NAM	30A, 3Ø	8.6kW	NEMA L21-30P	(36)C13, (6)C19, (2)5-20	1.8 m	AP8865
		200-240	NAM	50A, 3Ø	10.0kW	CS8365C	(36)C13, (6)C19	1.8 m	AP8868
		200-240	NAM	50A, 3Ø	14.4kW	CS8365C	(24)C13, (4)C19,	1.0 m	AP7869
		200-240	NAM	50A, 3Ø	14.4kW			3.0 m	AP7899
		200-240	NAM, Japan	50A, 3Ø	14.4kW	CS8365C	(6)C19	1.8 m	AP7867A
		200-240	NAM	60A, 3Ø	17.3kW	IEC309-60A 3P+PE	(6)C13, (12)C19	1.8 m	AP8866
		200-240	NAM	60A, 3Ø	17.3kW	IEC309-60A 3P+PE	(30)C13	1.8 m	AP8867
		120/208	NAM	30A, Split Ø	5.8kW	NEMA L14-30P	(16)5-20, (12)C13, (2)C19	8.5 m	AP8870
400-415V 3-phase Input	Vertical, 0U	400-415	Worldwide	16A, 3Ø	11kW	IEC309-16A 3P+N+PE	(36)C13, (6)C19	1.8 m	AP8881
		400-415	NAM	30A, 3Ø	17.3kW	IEC309-30A 3P+N+PE	(30)C13, (12)C19	1.8 m	AP8887
		400-415	EMEA, APJ, LAM, GCN	32A, 3Ø	22kW	IEC309-32A 3P+N+PE	(30)C13, (12)C19	1.8 m	AP8886
		400	EMEA, APJ, LAM, GCN	32A, 3Ø	22kW	IEC309-32A 3P+N+PE	(6)C19	1.8 m	AP7855A
		400-415	NAM	40A, 3Ø	23kW	IEC309-60A 3P+N+PE	(30)C13, (12)C19	1.8 m	AP8888



AP8841

## Metered by Outlet Rack PDUs

	Mounting U-Space	Nominal Voltage	Region	Input Circuit	Nominal Power	Input Plug Type	Output Receptacles	Cord Length	APC SKU
100-120V Input 200-240V Input 208V 3-phase Input 400-415V 3-phase Input	Vertical, 0U	100-240	Worldwide	16A	3.3kW	IEC-320 C20	(21)C13, (3)C19	3.0 m	AP8459w/v
		200-240	NAM, LAM, Japan	20A	3.3kW	NEMA L6-20P	(21)C13, (3)C19	3.0 m	AP8459NA3
		200-240	EMEA, APJ, LAM, GCN	16A	3.7kW	IEC309 16A	(21)C13, (3)C19	3.0 m	AP8459EU3
		200-240	NAM, Japan	30A	5.0kW	NEMA L6-30P	(21)C13, (3)C19	3.0 m	AP8441
		220-240	EMEA, APJ, LAM, GCN	32A	7.4kW	IEC309 32A	(21)C13, (3)C19	3.0 m	AP8453
		208	NAM	20A, 3Ø	5.7kW	NEMA L21-20P	(21)C13, (3)C19	1.8 m	AP8461
		400-415	Worldwide	16A, 3Ø	11kW	IEC309-16A 3P+N+PE	(21)C13, (3)C19	1.8 m	AP8481



## Switched Rack PDUs

	Mounting U-Space	Nominal Voltage	Region	Input Circuit	Nominal Power	Input Plug Type	Output Receptacles	Cord Length	APC SKU
100-120V Input	Vertical, 0U	100-120	NAM, Japan	15A	1.4kW	NEMA 5-15P	(16)5-15	3.0 m	AP8931
		120	NAM	20A	1.9kW	NEMA L5-20P	(24)5-20	3.0 m	AP8930
		100	Japan	20A	1.9kW	NEMA L5-20P	(24) 5-15	3.0 m	AP8930J
	Horizontal, 1U	120	NAM, Japan	30A	2.9kW	NEMA L5-30P	(24)5-20	3.0 m	AP8932
		100-120	NAM, Japan	15A	1.4kW	NEMA 5-15P	(8)5-15	3.6 m	AP7900
		100-120	NAM	20A	1.9kW	NEMA L5-20P	(8)5-20	3.6 m	AP7901
	Horizontal, 2U	120	NAM	30A	2.9kW	NEMA L5-30P	(16)5-20	3.6 m	AP7902
		100	Japan	30A	3.0kW	NEMA L5-30P	(16) 5-15	3.6 m	AP7902J
		100	Japan	30A	3.0kW	NEMA L5-30P	(16) 5-15	3.6 m	AP7902J
200-240V Input	Vertical, 0U	220-240	EMEA, APJ, LAM, GCN	10A	2.3kW	IEC C14	(16)C13	3.0 m	AP7950
		100-240	NAM, Japan	20A	3.3kW	NEMA L6-20P	(7)C13, (1)C19	3.0 m	AP8959NA3
		100-240	Worldwide	16A	3.3kW	IEC-320 C20	(7)C13, (1)C19	Inlet	AP8958
		230	EMEA, APJ, LAM, GCN	16A	3.7kW	IEC309 16A	(7)C13, (1)C19	3.0 m	AP8958EU3
		100-240	NAM, Japan	20A	3.3kW	NEMA L6-20P	(21)C13, (3)C19	3.0 m	AP8959NA3
		100-240	Worldwide	16A	3.3kW	IEC-320 C20	(21)C13, (3)C19	Inlet	AP8959
		100-240	EMEA, APJ, LAM, GCN	16A	3.7kW	IEC309 16A	(21)C13, (3)C19	3.0 m	AP8959EU3
		208	NAM	20A, 3Φ	6.0kW	NEMA L21-20P	(24)5-20	3.0 m	AP8962
		200-240	NAM, Japan	30A	5.0kW	NEMA L6-30P	(21)C13, (3)C19	3.0 m	AP8941
	Horizontal, 1U	220-240	EMEA, APJ, LAM, GCN	32A	7.4kW	IEC309 32A	(21)C13, (3)C19	3.0 m	AP8953
		120/208	NAM	30A, Split Φ	5.8kW	NEMA L14-30P	(16)5-20, (12)C13, (2)C19	8.5 m	AP8970
		100-240	Worldwide	10/15A	2.5kW	IEC-320 C14	(8)C13	2.0 m	AP7920
		100-240	Worldwide	16A	3.3kW	IEC-320 C20	(8)C13	2.4 m	AP7921
		200-240	NAM, Japan	30A	5.0kW	NEMA L6-30P	(16)C13	3.6 m	AP7911A
		220-240	EMEA, APJ, LAM, GCN	32A	7.4kW	IEC309 32A	(16)C13	3.6 m	AP7922
208V 3-phase Input	Vertical, 0U	208	NAM	20A, 3Φ	5.7kW	NEMA L21-20P	(24)5-20	3.0 m	AP7990
		208	NAM	20A, 3Φ	5.7kW	NEMA L21-20P	(21)C13, (3)C19	1.8 m	AP8961
		208	NAM	30A, 3Φ	8.6kW	NEMA L21-30P	(21)C13, (3)C19	1.8 m	AP8965
		200-240	NAM	50A, 3Φ	12.5kW	CS8365C	(21)C13, (3)C19	1.0 m	AP7968
400-415V 3-phase Input	Vertical, 0U	400-415	Worldwide	16A, 3Φ	11kW	IEC309-16A 3P+N+PE	(21)C13, (3)C19	3.0 m	AP7998
								1.8 m	AP8981



AP8941

## Metered by Outlet with Switching Rack PDUs

	Mounting U-Space	Nominal Voltage	Region	Input Circuit	Nominal Power	Input Plug Type	Output Receptacles	Cord Length	APC SKU
100-120V Input	Vertical, 0U	100-120	NAM, Japan	30A	2.9kW	NEMA L5-30P	(24)5-20	3.0 m	AP8632
		100-240	NAM, Japan	20A	3.3kW	NEMA L6-20P	(21)C13, (3)C19	3.0 m	AP8659NA3
		100-240	Worldwide	20A	3.3kW	IEC-320 C20	(21)C13, (3)C19	Inlet	AP8659
		220-240	EMEA, APJ, LAM, GCN	16A	3.7kW	IEC309 16A	(21)C13, (3)C19	3.0 m	AP8659EU3
		200-240	NAM, Japan, LAM	30A	5.0kW	NEMA L6-30P	(21)C13, (3)C19	3.0 m	AP8641
		220-240	EMEA, APJ, LAM, GCN	32A	7.4kW	IEC309 32A	(21)C13, (3)C19	3.0 m	AP8653
		208	NAM	20A, 3Φ	5.7kW	NEMA L21-20P	(21)C13, (3)C19	1.8 m	AP8661
		400-415	Worldwide	16A, 3Φ	11kW	IEC309-16A 3P+N+PE	(21)C13, (3)C19	1.8 m	AP8681
		400-415	Worldwide	16A, 3Φ	11kW	IEC309-16A 3P+N+PE	(21)C13, (3)C19	1.8 m	AP8681



AP8641

## Basic Rack PDUs



AP9571A

	Mounting U-Space	Rated Input Voltage	Region	Input Circuit	Nominal Power	Input Plug Type	Output Receptacles	Cord Length	APC SKU
100-120V Input	Vertical, 0U	100-120	NAM, Japan	15A	1.4k/w	NEMA 5-15P	(14)5-15	3.6 m	AP9567
		120	NAM	20A	1.9k/w	NEMA L5-20P	(24)5-20	3.0 m	AP7530
		100-120	NAM	20A	1.9k/w	NEMA L5-20P	(14)5-15	3.6 m	AP9561
		100-120	Japan	20A	2.0k/w	NEMA L5-30P	(24)5-15	3.0 m	AP7530J
		120	NAM	30A	2.9k/w	NEMA L5-30P	(24)5-20	3.0 m	AP7532
	Horizontal, 1U	100	Japan	30A	3.0k/w	NEMA L5-30P	(24)5-15	3.0 m	AP7532J
		100-120	NAM, Japan	15A	1.4k/w	NEMA 5-15P	(10)5-15	3.6 m	AP9562
		100-120	NAM	20A	1.9k/w	NEMA 5-20P	(10)5-20	3.6 m	AP9563
		100-120	NAM	20A	1.9k/w	NEMA L5-20P	(10)5-20	3.6 m	AP9564
		100-120	NAM	30A	2.9k/w	NEMA L5-30P	(10)5-20	3.6 m	AP9560
200-240V Input	Vertical, 0U	120-240	Worldwide	10A	2.3k/w	IEC C14	(15)C13	2 m	AP9568
		120-230	Worldwide	16A	3.3k/w	IEC-320 C20	(15)C13	2.5 m	AP9572
		200-240	NAM	20A	3.3k/w	NEMA L6-20P	(20)C13, (4)C19	3.0 m	AP7540
		230	EMEA, APJ, LAM, GCN	16A	3.7k/w	IEC309 16A	(20)C13, (4)C19	1.0 m	AP7551
		230	Worldwide	16A	3.7k/w	IEC C20	(20)C13, (4)C19	3.0 m	AP7552
		200-240	NAM	30A	5.0k/w	NEMA L6-30P	(20)C13, (4)C19	3.0 m	AP7541
		230	EMEA, APJ, LAM, GCN	32A	7.4k/w	IEC309 32A	(20)C13, (4)C19	3.0 m	AP7553
		230	NAM, LAM	20A	3.3k/w	NEMA L6-20P	(12)C13	3.6 m	AP9566
	Horizontal, 1U	120-240	Worldwide	16A	3.7k/w	IEC C20	(10)C13, (2)C19	2.5 m	AP9559
		100-240	Worldwide	16A	3.7k/w	IEC C20	(12)C13	2.5 m	AP9565
		208	NAM	30A	5.0k/w	NEMA L6-30P	(4)C19	3.0 m	AP9570
		200-240	NAM, LAM	30A	5.0k/w	NEMA L6-30P	(10)C13	3.6 m	AP9571A
	Horizontal, 2U	230	EMEA, APJ, LAM, GCN	32A	7.4k/w	hardwire	(4)C19	8.5 m	AP7585
		230	EMEA, APJ, LAM, GCN	32A	7.4k/w	hardwire	(4)IEC 309 32A	8.5 m	AP7586
208V 3-phase Input	Vertical, 0U	120/208 3Ø	NAM	20A, 3Ø	5.8k/w	NEMA L21-20P	(42)5-20	1.0 m	AP7562
		120/208 3Ø	NAM	20A, 3Ø	5.8k/w	NEMA L21-20P	(21)5-20, (6)L6-20	3.0 m	AP7592
		120/208 3Ø	NAM	20A, 3Ø	5.8k/w	NEMA L21-20P	(36)C13, (6)C19	1.0 m	AP7563
		120/208 3Ø	NAM	20A, 3Ø	5.8k/w	NEMA L21-20P	(36)C13, (6)C19	1.0 m	AP7564
		200-240	NAM	50A, 3Ø	12.5k/w	CS8365C	(30)C13, (6)C19	1.0 m	AP7568
		200-240	NAM	50A, 3Ø	12.5k/w	CS8365C	(30)C13, (6)C19	3.0 m	AP7598
		200-240	NAM	50A, 3Ø	14.4k/w	CS8365C	(24)C13, (4)C19, (2)L6-30	1.0 m	AP7569
		200-240	NAM	50A, 3Ø	14.4k/w	CS8365C	(24)C13, (4)C19, (2)L6-30	3.0 m	AP7599
	Horizontal, 1U	208	NAM	50A, 3Ø	14.4k/w	CS8365C	(6)C19, (3)C13	1.8 m	AP7567A
		200-240	NAM	50A, 3Ø	14.4k/w	CS8365C	(6)C19	2.4 m	AP7516
	Horizontal, 2U	120/208	NAM	30A, Split Ø	5.8k/w	NEMA L14-30P	(4)L5-20	8.5 m	AP7580
		120/208	NAM	30A, Split Ø	5.0k/w	NEMA L14-30P	(4)L6-20	8.5 m	AP7581
		120/208	NAM	30A, Split Ø	5.8k/w	NEMA L14-30P	(12)5-20	8.5 m	AP7582
		120/208	NAM	30A, Split Ø	5.8k/w	NEMA L14-30P	(4)L5-30	8.5 m	AP7583
		120/208	NAM	30A, Split Ø	5.0k/w	NEMA L14-30P	(4)L6-30	8.5 m	AP7584
		120/208	NAM	30A, Split Ø	5.0k/w	NEMA L14-30P	(4)L6-30	8.5 m	AP7584
400-415V 3-phase Input	Vertical, 0U	400	EMEA, APJ, LAM, GCN	16A, 3Ø	11k/w	IEC309-16A 3P+N+PE	(36)C13, (6)C19	1.0 m	AP7557
		400	EMEA, APJ, LAM, GCN	32A, 3Ø	22k/w	IEC309-32A 3P+N+PE	(6)C19, (3)C13	1.8 m	AP7555A
		415	NAM	20A, 3Ø	11.5k/w	IEC309-20A 3P+N+PE	(36)C13, (6)C19	1.0 m	AP7557NA
	Horizontal, 1U	400	EMEA, APJ, LAM, GCN	32A, 3Ø	22k/w	IEC309-32A 3P+N+PE	(6)C19	2.4 m	AP7526

## Rack Automatic Transfer Switch

	Mounting U-Space	Input Circuit	Input Plug Type	Output Receptacles	Cord Length	APC SKU
100V	1	20A	NEMA L5-20P	(8) 5-15	8 ft.	AP7752J
100/120V	1	15A	NEMA 5-15P	(8)5-15	8 ft.	AP7750A
	1	20A	NEMA L5-20P	(10)5-20	8 ft.	AP7752
120V	2	30A	NEMA L5-30P	(16)5-20	8 ft.	AP7753
	1	20A	NEMA L6-20P	(8)C13, (1)C19	8 ft.	AP7730
200-208V	2	30A	NEMA L6-30P	(16)C13, (2)C19	8 ft.	AP7732
208V	2	30A	NEMA L6-30P	(1) L6-30R	8 ft.	AP7731
208/230V	1	15A	IEC C14 Inlet	(12)C13	none	AP7721
	1	20A	IEC C20 Inlet	(8)C13, (1)C19	none	AP7723
230V	1	16A	(2) IEC-309	(1) IEC-309	3 ft.	AP7722A
	2	32A	IEC-309	(16)C13, (2)C19	8 ft.	AP7724
208V 3Ø	1	20A, 3Ø	NEMA L21-20P	(1) L21-20R	3 ft.	AP7701



AP7723

**APC**  
by Schneider Electric

# AP8000 Series Accessories

## Locking IEC output cords



LOCKING IEC POWER CORDS					
Cord Type 6 per pack	Straight		90 degree		Cord Length
	AP8702S-NA	AP8702S-WW	AP8702R-NA	AP8702R-WW	0.6m (2ft)
	AP8704S-NA	AP8704S-WW	AP8704R-NA	AP8704R-WW	1.2m (4ft)
	AP8706S-NA	AP8706S-WW	AP8706R-NA	AP8706R-WW	1.8m (6ft)
	AP8712S		AP8712R		0.6m (2ft)
	AP8714S		AP8714R		1.2m (4ft)
	AP8716S		AP8716R		1.8m (6ft)

90 deg packs include (3each) right & left angled cords  
NA = CSA, UL Listed      WW = CCC, PSE, VDE

## Locking IEC input cords

NORTH AMERICAN INPUT CORDS FOR AP8858, AP8958, AP8959 (10 ft.)	
NEMA 5-15P to C19	AP8750
NEMA 5-20P to C19	AP8751
NEMA L5-20P to C19	AP8752
NEMA L6-20P to C19	AP8753
C20 to C19	AP8760



AP8758

INTERNATIONAL INPUT CORDS FOR AP8858, AP8958, AP8959 (10 ft.)	
PSE (Japan) L5-20P to C19	AP8752J
PSE (Japan) L6-20P to C19	AP8753J
Australia AS3112 to C19 (15A)	AP8754
Schuko (CEE 7) to C19	AP8755
UK (BS1363) to C19	AP8756
China (16A) to C19	AP8757
IEC309-16A to C19	AP8758
Bare wire (for field wire) to C19	AP8759
C20 to C19	AP8760

## Environmental Sensors



ENVIRONMENTAL SENSORS	
Temperature AP9335T	Temperature/Humidity AP9335TH

